



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

September 18, 1995

Jerry Spray
Sandpoint Facility Manager
Louisiana-Pacific Corporation
P.O. Box 249
Sandpoint, Idaho 83864

RE: Tier II Operating Permit #017-00003 (Louisiana-Pacific Corporation, Sandpoint)
Natural Gas Boilers Modification Project

Dear Mr. Spray:

The Division of Environmental Quality (DEQ) received Louisiana-Pacific Corporation's (L-P) application for a modification to allow continuous operation of the two existing natural gas boilers at the Sandpoint facility on July 14, 1995. The application was declared complete on August 10, 1995.

The technical and regulatory analysis has been completed for this project. The requested operational increase for the natural gas boilers has been approved and the provisions and allowable emission limits affected by the modification have been altered accordingly. The text on Pages 6 and 7 of 21 and the allowable emissions in Appendix A (Tables 1 and 2 on Pages 17 and 18 of 21 in Tier II Operating Permit #017-00003) have been changed to reflect the modification. Please update your copy of Tier II Operating Permit #017-00003 by replacing the appropriate pages, as the enclosed pages supersede the permit's original pages.

Please note that the provisions and emission limits listed above have altered the Sandpoint facility's applicable requirements for Tier I permitting. Therefore, the applicable requirements and corresponding compliance certification that you have included in your Tier I Operating Permit application may need to be updated to reflect this.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Brian R. Monson, Bureau Chief, Operating Permits Bureau, at (208) 373-0298.

Sincerely,

Orville D. Green
Assistant Administrator
Permits and Enforcement

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Enclosure: Altered Permit Pages

cc: D. Redline, NIRO
J. Evensen, Louisiana-Pacific, Hayden Lake
Source File
Mike McGown
COF

AIR POLLUTION OPERATING PERMIT

PERMIT NUMBER

PERMITTEE AND LOCATION

Louisiana-Pacific Corporation
Planing Mill
Sandpoint, Idaho

017 - 00003

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Natural Gas Boilers

1. SOURCE DESCRIPTION

1.1 Process Description

In the event that the woodwaste boiler is shut down, two (2) natural gas boilers supply steam to the dry kilns.

1.1.1 Manufacturer: Cleaver Brooks 400 HP (XZ). Model #CB7 60-400 (XZ), Rated Capacity: 14,000 lb steam/hr (each).

1.2 Controls

Emissions from the two (2) natural gas fired boilers are uncontrolled and each vents through a separate stack.

2. EMISSION LIMITS

2.1 Particulate matter (PM) emissions from the two (2) natural gas fired stacks shall each not exceed 0.015 grains per standard dry cubic foot of effluent gas adjusted to three percent (3%) by volume (IDAPA 16.01.01.677), nor shall they exceed the pound per hour (lb/hr) and ton per year (T/yr) values listed in Appendix A.

2.2 Particulate matter emissions with aerodynamic diameters less than 10 microns (PM₁₀), carbon monoxide (CO), nitrogen oxides (NO_x), sulfur dioxide (SO₂), and volatile organic compound (VOC) emissions shall not exceed the pound per hour (lb/hr) and ton per year (T/yr) values listed in Appendix A.

2.3 Visible emissions from the natural gas fired boiler stacks shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as determined by the Department's "Procedures Manual for Air Pollution Control" (IDAPA 16.01.01.625).

3. TESTING AND MONITORING REQUIREMENTS

3.1 The following information corresponding to operation shall be recorded and maintained on-site for the most recent two (2) year period:

3.1.1 The total monthly natural gas usage for each of the natural gas boilers.

3.1.2 Total steam production (tons) according to the following conversion factor: 1400 Btu heat input per pound of steam produced.

3.1.3 The total number of hours per year determined by an annual rolling average.

*Reissued 9/18/95 (Date
was not changed)*

ISSUED: July 7, 1995
EXPIRES: July 7, 2000

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AIR POLLUTION OPERATING PERMIT

PERMIT NUMBER

PERMITTEE AND LOCATION

Louisiana-Pacific Corporation
Planing Mill
Sandpoint, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Natural Gas Boilers

4. REPORTING REQUIREMENTS

- 4.1 The Permittee shall submit hourly and annual data on operating rates to the Department in a semi-annual report.

ISSUED: July 7, 1995
EXPIRES: July 7, 2000

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APPENDIX A

TABLE 1

Louisiana Pacific, Sandpoint Planing Mill
PM₁₀ Emission Limits^a - Hourly (lb/hr), and Annual^b (T/yr)

Source Description	Hourly PM ₁₀ ^c Emissions (lb/hr) before 7/1/96 ^d	Annual PM ₁₀ ^c Emissions (T/yr) before 7/1/96 ^d	Annual PM ₁₀ ^c Emissions (lb/hr) after 7/1/96 ^d	Annual PM ₁₀ ^c Emissions (T/yr) after 7/1/96 ^d
Kipper & Sons Woodwaste Boiler	6.93	30.4	6.93	30.4
EPB Baghouse Vent	0.23	1.02	0.23	1.02
Natural Gas Boiler #1	0.22	0.97	0.22	0.97
Natural Gas Boiler #2	0.22	0.97	0.22	0.97
Truck Bin Baghouse Vent	1.24	3.86	1.24	5.42
Transfer Cyclone	1.03	3.21	1.03	4.51
Trim Saw Cyclone	0.51	1.60	0.00	0.00
Lumber Drying Kilns (5 kiln rooms)	3.04	13.3	5.1	22.5
Woodwaste Boiler Ash Handling	0.11	0.40	0.16	0.68
Truck Bin Loadout Operation	1.80	6.59	0.51	2.23
Truck Bin Vent	0.15	0.56	0.14	0.63
End Coating Operation	0.25	0.90	0.10	0.46
Vehicle Traffic - Unpaved Areas	0.14	0.52	0.00	0.00
Vehicle Traffic - Paved Areas	0.23	0.84	0.36	1.56

^a As determined by a pollutant specific U.S. EPA reference method, or a Department approved alternative, or as determined by the Departments's emission estimation methods used in this permit analysis.

^b As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate(s), or by actual annual production rates.

^c Includes condensables.

^d Or such earlier date as all required Conditional Control Measures have been completed.

ISSUED: July 7, 1995
EXPIRES: July 7, 2000

APPENDIX A

TABLE 2

Louisiana Pacific, Sandpoint Planing Mill

Emission Limits^a - Hourly (lb/hr) and Annual^b (T/yr)

Source Description	PM ₁₀		NO _x		CO		VOC		SO ₂	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
1. Kipper & Sons Woodwaste Boiler	6.93	30.4	15.6	56.4	60.0	201.6	7.8	28.2	0.84	3.03
2. Natural Gas Boiler #1	0.22	0.97	2.4	10.5	0.60	2.63	0.04	0.18	0.01	0.044
3. Natural Gas Boiler #2	0.22	0.97	2.4	10.5	0.60	2.63	0.04	0.18	0.01	0.044

- a As determined by a pollutant specific U.S. EPA reference method, or a Department approved alternative, or as determined by the Department's emission estimation methods used in this permit analysis.
- b As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate(s), or by actual annual production rates.
- c Includes condensables.

ISSUED: July 7, 1995
EXPIRES: July 7, 2000

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